

REMARKS/ARGUMENTS

Rejection of Record:

Claim 57 is rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Davis et al. (U.S. Pat. No. 5,295,843) in view of Demler, Jr. et al. (U.S. Pat. No. 4,881,905). Applicants have canceled claim 57, thereby rendering the rejection moot. Withdrawal of the same is respectfully requested.

Newly Presented Claims:

New claims 58-67 have been added. Independent claim 58 generally recites a preferred physical design of the electrical contacts. Neither Demler nor Davis teaches or suggests U-shaped contacts having three open sides and three closed sides, wherein at least one of the three closed sides includes a heat dissipation opening. Figures 1 and 3 of the present application show exemplary contact embodiments in accordance with claim 58. The contacts illustrated in Figs. 1 and 3 include opposing planar panels as two of the three closed sides, and a third closed side including a heat dissipation opening defined by the front and rear bridging elements and an opening therebetween. Note, new claim 58 is not limited to the particular configuration shown in Figs. 1 and 3, and encompasses additional embodiments, including, for example, contacts similar to Figs. 1 and 3 having a solid bridging element to define a closed side and opposing planar panels (panels may be coupled together, or separately formed and loaded into a connector housing) defining the second and third closed sides, wherein at least one of the planar panels includes a heat dissipation opening.

New independent claim 66 is directed to an electrical contact comprising a pair of opposed contact walls defined by a first planar panel, a second planar panel, and a medial

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space between the two planar panels. An arcuate-shaped bridging element connects respective top edges of the planar panels. Each of the first and second planar panels has a discrete set of terminals extending from respective bottom edges. Neither Demler nor Davis teaches or suggest a contact in accordance with new claim 66.

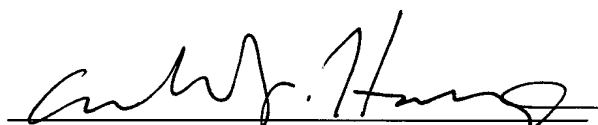
New independent claim 67 is directed to the formation of a convective heat path by the two solid flexible beams. Two solid beams arranged in the recited orientation is not taught or suggested by either of Demler or Davis.

Allowance of new claims 58-67 is respectfully requested.

Conclusion:

The foregoing represents a complete response to the Office Action, and Applicants submit that claims 58-67 are in condition for allowance. Early and favorable consideration is earnestly solicited.

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